

INDUSTRIAL FLANGES



NILAM STEEL INDIA is one of the leading manufacturers and exporters of **Steel Flanges**. Our proficient and skilled team is specialized in manufacturing durable range of Steel Flanges which are available at reasonable rates. Steel Flanges manufactured at our unit using superior quality steel. The Steel Flanges are popular for their rust resistance and robustness. Steel Flanges for the clientele are made available in regular and custom-made specification. Hence we are one of the highly sought after Steel Flanges manufacturer in India.

» Features

Anti oxidation
Excellent performance
Resilient
Superior tensile strength
Reliable
Excellent quality

» Styles Available

Flat face
Raised face
Tongue
Groove or ring joint

» ASME/ANSI B16.5 :

WELDING NECK FLANGE, SLIP-ON FLANGE, BLIND FLANGE, HIGH HUB BLIND FLANGE, SOCKET WELD FLANGE, LAPJOINT FLANGE, THREADED FLANGE, RING TYPE JOINT FLANGE.
Pressure Class : 150, 300, 400 , 600 , 900, 1500 , 2500

» ASME/ANSI B16.47 :

WELDING NECK FLANGE, BLIND FLANGE. (SERIES A & B)
Pressure Class : 75, 150, 300, 400 , 600 , 900

» ASME/ANSI B16.36 :

(ORIFICE FLANGES) WELDING NECK FLANGE, SLIPON FLANGE, THREADED FLANGE.
Pressure Class : 300, 400 , 600 , 900, 1500 , 2500

» ASME/ANSI B16.36 :

(ORIFICE FLANGES) WELDING NECK FLANGE, SLIPON FLANGE, THREADED FLANGE.
Pressure Class : 300, 400 , 600 , 900, 1500 , 2500

» ASTM/ANSI B16.48:(Figure-8 blanks) :

Pressure Class : 150, 300, 400 , 600 , 900, 1500, 2500

» MSS SP44 :

WELDING NECK FLANGE, BLIND FLANGE.
Pressure Class : 300, 400 , 600 , 900

» API 6A :

WELDING NECK FLANGE, THREAD FLANGE, BLIND FLANGE.
Pressure : 2000Psi, 3000Psi, 5000Psi, 10000Psi, 15000Psi, 20000Psi, 25000Psi

● WELDING NECK FLANGE



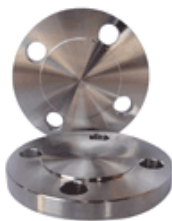
Weld neck flanges are drilled (machined) with the wall thickness of the flange having the same dimensions of the matching pipe. The lighter the pipe is, the larger the bore, conversely, the heavier the pipe, the smaller the bore. Our range weld neck flanges, welding neck flanges are normally used for high-pressure, cold or hot temperature. We specialize these flanges in different dimensional and material specifications based upon the requirements of the clients.

● SLIP-ON FLANGE



We offer the best quality Slip on Flanges which are durable and come at affordable rates. Customer satisfaction is of prime importance at our company and so the supreme quality raw material is used for manufacturing the Slip on Flanges. Slip on Flanges is useful in less strict requirements in terms of length of pipe section. Slip on Flanges is available in varied dimension and competitively priced keeping the market standards in view.

● BLIND FLANGE



We provide an extensive range of high quality Blind Flanges. These products don't have any bore, and they are commonly used to block/close the end of the piping system. Manufactured with the latest advanced technologies and high quality raw materials, these products are highly durable and resistant to corrosion. We offer product customization and they are available at competitive prices.

The reduction can be either threaded or welded based upon the requirements of the client.

● SOCKET WELD FLANGE



Socket weld flange is a device that is welded to the end of pipe so that the pipe can be bolted to another pipe with a similar flange. Stainless steel socket weld flanges enable a pipe to be disconnected and reconnected with ease. Available in a spectrum of shape and sizes, our forged light weight steel socket weld flanges are manufactured using superior grade material such as stainless steel socket weld flanges, carbon steel socket weld flanges and known for their durability and performance.

● LAP JOINT FLANGE



LAP JOINT FLANGES are primarily employed with lap joint stubs, the combined initial cost of the two items being approximately one-third higher than that of comparable welding neck flanges. Their pressure-holding ability is little, if any, better than that of slip-on flanges and the fatigue life of the assembly is only one-tenth that of welding neck flanges. The chief use of lap joint flanges in carbon or low alloy steel piping systems is in services necessitating frequent dismantling for inspection and cleaning and where the ability to swivel flanges and to align bolt holes materially simplifies the erection of large diameter or unusually stiff piping. Their use at points where severe bending stress occurs should be avoided.

● THREADED FLANGE



A Threaded Flange is usually confined to a special application. The main benefit of a Threaded Flange is that it can be assembled without welding which makes it perfect for extremely high pressure services. Threaded Flange is unsuited for conditions involving temperature or bending stresses of any magnitude. Particularly under cyclic conditions where leakage through the threads may occur in relatively few cycles of heating or stress.